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~~UNCLASSIFIED~~ ~~06 FEB 2006~~
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: February 6, 2006 <i>(use as many sheets as necessary)</i>				Complete If Known	
				Application Number	Unassigned
				Filing Date	02/06/2006
				First Named Inventor	Jean Michel MARTIN
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	3	Attorney Docket Number	023971-0642

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	5,843,571		SHO	12-01-1998	
	A2	5,466,431		DORFMAN ET AL.	11-14-1995	
	A3	5,190,824		ITOH	03-02-1993	
	A4	4,783,368		YAMAMOTO ET AL.	11-08-1988	
	A5	4,755,426		KOKAI ET AL.	07-05-1988	
	A6	5,205,188		REPENNING ET AL.	04-27-1993	
	A7	5,077,990		PLATH	01-07-1992	
	A8	4,554,208		MACIVER ET AL.	11-19-1985	
	A9	6,237,441	B1	NISHIOKA ET AL.	05-29-2001	
	A10	5,249,554		TAMOR ET AL.	10-05-1993	
	A11	5,237,967		WILLERMET ET AL.	08-24-1993	
	A12	4,974,498		LEMELSON	12-04-1990	
	A13	2004/0171500	A1	MORITA	09-02-2004	
	A14	5,906,557		KOBAYASHI	05-25-1999	
	A15	6,844,068	B1	MIYAKE ET AL.	01-18-2005	
	A16	6,333,298	B1	WADDOUPS ET AL.	12-25-2001	
	A17	6,806,242	B2	SHIRAHAMA ET AL.	10-19-2004	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A18	JP	2000-192951	A	NTN TOYO BEARING CO., LTD.	07-11-2000		Abst.
	A19	JP	6-200274	A	TONEN CORP.	07-19-1994		Abst.
	A20	JP	11-181463	A	COSMO SOGO KENKYUSHO KK, ET AL.	07-06-1999		Abst.
	A21	JP	2003-082377	A	NIPPON OIL CORP.	03-19-2003		Abst.
	A22	JP	10-166877	A	FUJI HEAVY IND. LTD.	06-23-1998		Abst.
	A23	JP	7-090553	A	SHOJIRO MIYAKE ET AL.	04-04-1995		Transl.
	A24	EP	0 731 190	B1	GENERAL MOTORS CORP.	05-06-1999		
	A25	EP	0 677 570	A1	TONEN CORP.	10-18-1995		
	A26	WO	92/02602	A1	EXXON CHEMICAL PATENTS INC.	02-20-1992		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO				Application Number		Unassigned	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date		02/06/2006	
Date Submitted: February 6, 2006				First Named Inventor		Jean Michel MARTIN	
(use as many sheets as necessary)				Group Art Unit		Unassigned	
Sheet 2 of 3				Examiner Name		Unassigned	
				Attorney Docket Number		023971-0642	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A27	WO	93/21289	A1	EXXON CHEMICAL PATENTS INC.	10-28-1993		
	A28	JP	2001-192864	A	SUMITOMO ELECTRIC INDUSTRIES	07-17-2001		Abst.
	A29	JP	2001-316686	A	SHOJIRO MIYAKE ET AL.	11-16-2001		Abst.
	A30	JP	2000-297373	A	SHOJIRO MIYAKE ET AL.	10-24-2000		Abst.
	A31	JP	2003-505533	A		02-12-2003		Abst.
	A32	JP	7-508049	A		09-07-1995		Abst.
	A33	JP	5-509125	A		12-16-1993		Abst.
	A34	JP	2003-238982	A	NIPPON OIL CORP., ET AL.	08-27-2003		Abst.
	A35	JP	2004-155891	A	NIPPON OIL CORP., ET AL.	06-03-2004		Abst.
	A36	JP	6-294307	A	SUMITOMO ELECTRIC INDUSTRIES	10-21-1994		Abst.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶	
	A37	E. Meyer-Rässler – "Neuartige Laufflächen-Schutzverfahren für Kolben von Verbrennungsmotoren," VDI – Zeitschrift Bd. 86 Nr. 15/16, April 18, 1942.		
	A38	Kano et al., Proceedings of Japan Tribology Society, May 1999, pages 11 and 12.		
	A39	Kano et al., Proceedings of World Tribology Congress, September 2001, page 342.		
	A40	International Standard, "Petroleum products – Determination of base number – Perchloric acid potentiometric titration method," ISO 3771, 8-15-1994, pages 1-8.		
	A41	"Standard Test Method for Separation of Representative Aromatics and Nonaromatics Fractions of High-Boiling Oils by Elution Chromatography," ASTM Designation: D2549-91, 1995, pages 895-900..		
	A42	Japanese Industrial Standard, "High carbon chromium bearing steels," JIS G 4805, 1999, pages 1-31.		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	023971-0642

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A43	Japanese Industrial Standard, "Chromium Molybdenum Steels," JIS G 4105, 1979, pages 1-11.	
	A44	Japanese Industrial Standard, "Chromium Steels," JIS G 4104, 1979, pages 1-9.	
	A45	Japanese Industrial Standard, "Aluminium alloy castings," JIS H 5202, 1999, pages 1-17.	
	A46	Japanese Industrial Standard, "Aluminium alloy die castings," JIS H 5302, 2000, pages 1-12.	

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